



TFW 2129
C598 0001
GNM/at

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Transmitted herewith for filing in regard to the patent application of:

Inventor(s): TINNEMEYER, Joern
Title: FUZZY LOGIC METHOD AND APPARATUS FOR BATTERY STATE OF
HEALTH DETERMINATION
Serial No.: 09/933743
Filed: 22 August 2001
Examiner: BELL, Meltin Art Unit: 2129
Date: 20 December 2005

Enclosed are:

- ☒ Disclosure Statement Pursuant to 37 C.F.R. §1.56;
- ☒ Forms PTO/SB/O8A and PTO/SB/08B; and
- ☒ Copies of the foreign patent documents and non-patent literature documents listed in the enclosed Forms PTO/SB/08A and PTO/SB/08B.

Please charge the following fee to Deposit Account No. 02-1037:

- ☒ \$180 in payment of the fee prescribed by 37 CFR §1.17(p). The Applicant submits that this fee is not necessary since all of the enclosed references were filed in the US Patent and Trademark Office on 15 May 2002. A copy of a stamped return receipt postcard acknowledging receipt by the US Patent and Trademark Office of an IDS filed on 15 May 2002 and the enclosed references is enclosed herewith. The Applicant respectfully requests a refund of the US \$180 fee being submitted herewith on the ground that these references are being submitted to replace copies of the same references which have apparently been lost by the US Patent and Trademark Office due to no fault of the Applicant.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 02-1037.

Respectfully submitted,
OYEN WIGGS GREEN & MUTALA LLP

By: _____

Gavin N. Manning
Registration No. 36,412

Oyen Wiggs Green & Mutala LLP
#480 - The Station
601 West Cordova Street
Vancouver, B.C.
Canada V6B 1G1

C598 0001

The United States Patent and Trademark Office acknowledges receipt of:

Information Disclosure Statement, Form PTO-1449 with listed references and Transmittal Sheet.



Title: **FUZZY LOGIC AND APPARATUS FOR BATTERY STATE OF HEALTH DETERMINATION**
Serial No.: 09/933,743
Filed: 22 August 2001
Inventor: TINNEMEYER, Jörn

GNM/bds



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Paper No.: _____

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Inventor(s): TINNEMEYER, Joern
Title: FUZZY LOGIC METHOD AND APPARATUS FOR BATTERY STATE
OF HEALTH DETERMINATION
Serial No.: 09/933743
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Dear Sir:

Disclosure Statement Pursuant to 37 C.F.R. §1.56

Transmitted herewith is an Information Disclosure Statement disclosing information which has come to the attention of applicant(s) and/or their agents and is being submitted in compliance with the duty of disclosure set forth in 37 C.F.R. §1.56.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

In accordance with 37 C.F.R. §1.98, transmitted herewith are:

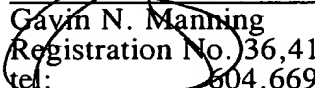
1. A completed copy of Form PTO/SB/08 "Information Disclosure Statement by Applicant" listing the patents, publications and other information being submitted for consideration; and
2. A legible copy of each patent, publication and other item of information in written form listed on the enclosed Form PTO/SB/08, except for copies of U.S. patents and published U.S. patent applications which are not required for applications filed after 30 June 2003.

37 CFR 1.17(p) Fee Submitted Herewith

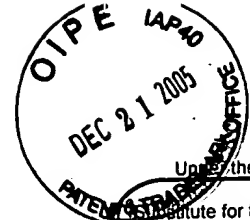
This submission is accompanied by a US \$180 remittance in payment of the fee prescribed by 37 CFR §1.17(p). The Applicant submits that this fee is not necessary since all of the enclosed references were filed in the US Patent and Trademark Office on 15 May 2002. A copy of a stamped return receipt postcard acknowledging receipt by the US Patent and Trademark Office of an IDS filed on 15 May 2002 and the enclosed references is enclosed herewith. The Applicant respectfully requests a refund of the US \$180 fee being submitted herewith on the ground that these references are being submitted to replace copies of the same references which have apparently been lost by the US Patent and Trademark Office due to no fault of the Applicant.

Respectfully submitted,

By:



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PTO/SB/08B (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	09/933743		
		Filing Date	22 August 2001		
		First Named Inventor	TINNEMEYER, Joern		
		Art Unit	2129		
		Examiner Name	BELL, Meltin		
Sheet	2	of	2	Attorney Docket Number	C598 0001

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		W. Arthur Byers and S.P. Perone, "Computerized Pattern Recognition Applied to Ni-Cd Cell Lifetime Prediction", J. Electrochem. Soc., Vol. 126, No. 5, p. 720-725, May 1979.	
		F. Huet, "A review of impedance measurements for determination of the state-of-charge or state-of-health of secondary batteries", Journal of Power Sources 70, 1998, p. 59-69.	
		Pritpal Singh et al., "A Fuzzy System Methodology to Determine State-of-Charge in Primary Li/So2 and Other Batteries".	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.